

FORM PTO-1649 U.S. DEPARTMENT OF COMMERCE
 (Rev. 2-32) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT

ATTY. / DOCKET NO. / SERIAL NO.
 MA / 18098 / 10/663,136

APPLICANT
 F. Liu

FILING DATE / GROUP
 9/16/03 / 2817

U. S. PATENT DOCUMENTS							
EXAM INIT		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FIL. DATE
dr	AA	6,324,220	11/01	Sellars	375	296	2/00
+	AB	6,335,767	1/02	Twitchell et al.	348	608	5/99
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRNS Y/N
dr	AK	GB 2 373 420 A	9/02	Great Britain	H04L	25/03	
+	AL	EP 1 122 893 A1	8/01	Europe	H04B	7/005	
	AM						
	AN						
	AO						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AP						
	AR						
	AS						

Examiner: *[Signature]* Date Considered: *12/11/06*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449
(Rev. 2-32)U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. / DOCKET NO. / SERIAL NO.
BCO / 18098 / 10/663,136INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Frank LiuFILING DATE / GROUP
9/16/03 / 2817

U. S. PATENT DOCUMENTS

EXAM INIT		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FIL. DATE
X	AA	5,524,286	6/96	Chiesa et al.	455	126	
	AB	5,598,436	1/97	Brajal et al.	375	297	
	AC	5,905,760	5/99	Schnabl et al.	375	296	
	AD	5,952,895	9/99	McCune, Jr. et al.	332	128	
	AE	6,043,707	3/00	Budnik	330	10	
	AF	6,094,101	7/00	Sander et al.	331	17	
	AG	6,125,266	9/00	Matero et al.	455	126	
	AH	6,140,882	10/00	Sander	331	25	
	AI	6,147,553	11/00	Kolanek	330	10	
X	AJ	6,255,912	7/01	Laub et al.	331	25	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRNS Y/N
	AK						
	AL						
	AM						
	AN						
	AO						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AP		
AR		
AS		

Examiner:

Date Considered:

12/1/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
 (Rev. 2-32) PATENT AND TRADEMARK OFFICE

ATTY. / DOCKET NO. / SERIAL NO.
 BCO / 18098 / 10/663,136

INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT

APPLICANT
 Frank Liu

FILING DATE / GROUP
 9/16/03 / 2817

U.S. PATENT DOCUMENTS							
EXAM INIT		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FIL. DATE
✓	AA	6,449,465	9/02	Gailus et al.	455	126	
	AB	6,621,340	9/03	Perthold et al.	330	149	
	AC	6,834,084	12/04	Hietala	375	296	
	AD	US 2002/0098812	7/02	Sourour et al.	455	91	
	AE	US 2002/0186783	12/02	Opas et al.	375	297	
	AF	US 2002/0193085	12/02	Mathe et al.	455	126	
	AG	US 2003/0031267	2/03	Hietala	375	295	
	AH	US 2003/0095608	5/03	Duperray	375	297	
	AI	US 2003/0215025	11/03	Hietala	375	297	
↓	AJ	US 2003/0215026	11/03	Hietala	375	297	

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRNS Y/N
	AK						
	AL						
	AM						
	AN						
	AO						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AP		
	AR		
	AS		

Examiner:  Date Considered: 11/11/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. / DOCKET NO. / SERIAL NO. BCO / 18098 / 10/663,136
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Frank Liu
		FILING DATE / GROUP 9/16/03 / 2817

U.S. PATENT DOCUMENTS							
EXAM INIT		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FIL. DATE
J	AA	US 2004/0021517	2/04	Irvine et al.	330	151	
J	AB	US 2004/0047432	3/04	Iwasaki	375	297	
J	AC	US 2005/0017801	1/05	Bachman, II et al.	330	149	
J	AD	US 2005/0122164	6/05	Brandt et al.	330	10	
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRNS Y/N
	AK						
	AL						
	AM						
	AN						
	AO						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AP						
	AR						
	AS						

Examiner:  Date Considered: 12/11/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.